



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: TRIFONOV, Alexei
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Assignee: MagiQ Technologies, Inc.

U.S. App. No. 10/580,959

Art Unit No.: 2131

Examiner: CHEN, Shin Hon

Title: Active stabilization of a one-way
QKD system

Attorney Docket No. 061-03US1

CERTIFICATE OF MAILING (37 CFR 1.8a)

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REPLY UNDER 37 CFR § 1.113

In reply to the Second and Final Office Action April 27, 2008, Applicants submit the following Amendments and Remarks with respect to the above-identified patent application (the "Application"). Reference is also made hereinbelow to Applicants' published patent application, U.S. Pat. Pub. No. US2007/0110241 A1 (hereinafter, the "Published Application").

This Reply is being filed within two months of the mailing date of the Final Office Action.

- **Amendments to the Claims** begin on page 2
- **Remarks/Arguments** begin on page 5